#### **STAPPA/ALAPCO SURVEY ON:**

DATA TRANSFER AND MANAGEMENT FOR AMBIENT AIR MONITORING PROGRAMS

#### Purpose

 Respond to recurring comments from State and Local air agencies

 Provide results to EPA for developing strategy to meet future needs

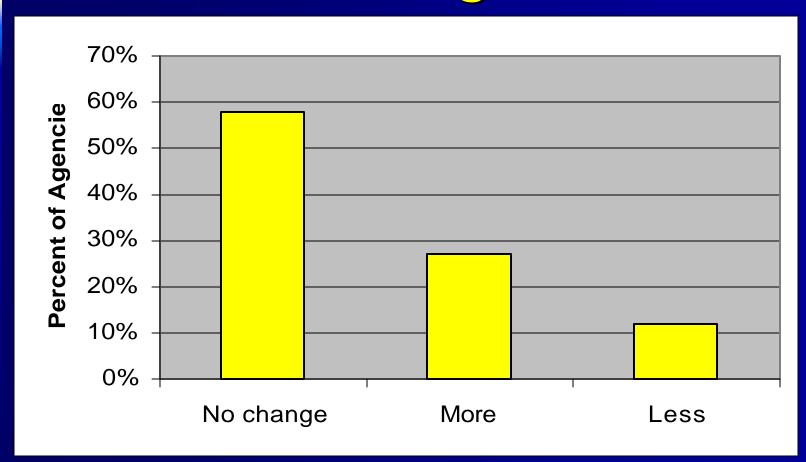
 Assess if a more detailed AQS survey was warranted

# STAPPA/ALAPCO Survey Results

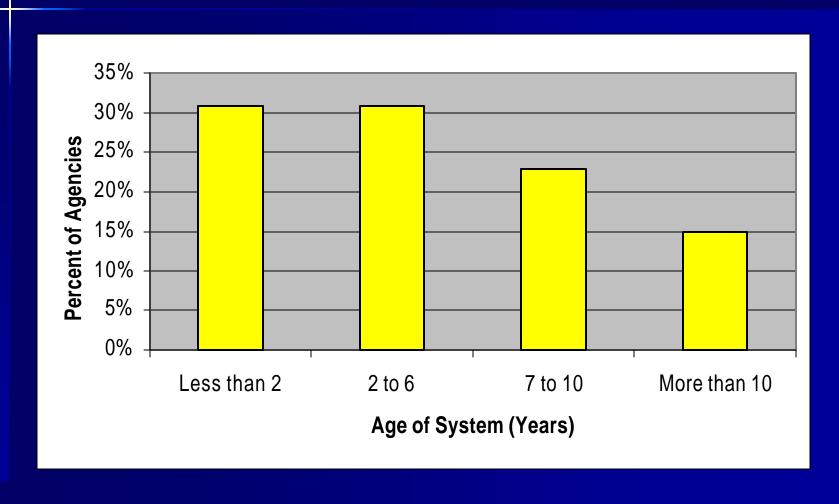
- 26 Agencies participated
  - 22 State agencies
  - 4 Local agencies

- Cumulative:
  - 1033 monitoring sites
  - 2634 monitors

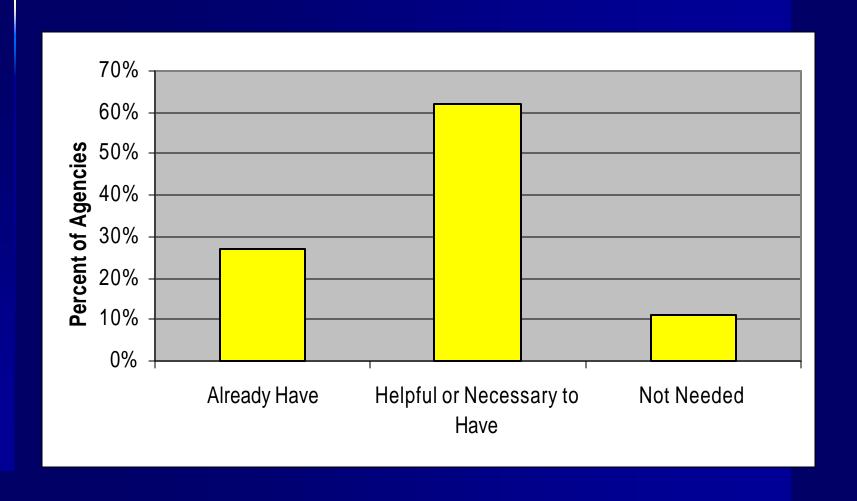
# Expected Future Changes in the Number of Air Monitoring Sites



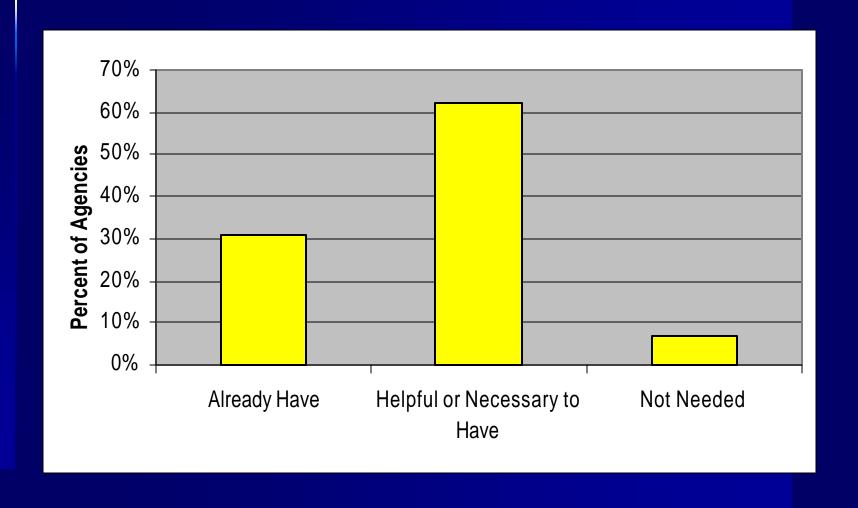
# Age of Existing Telemetry Systems



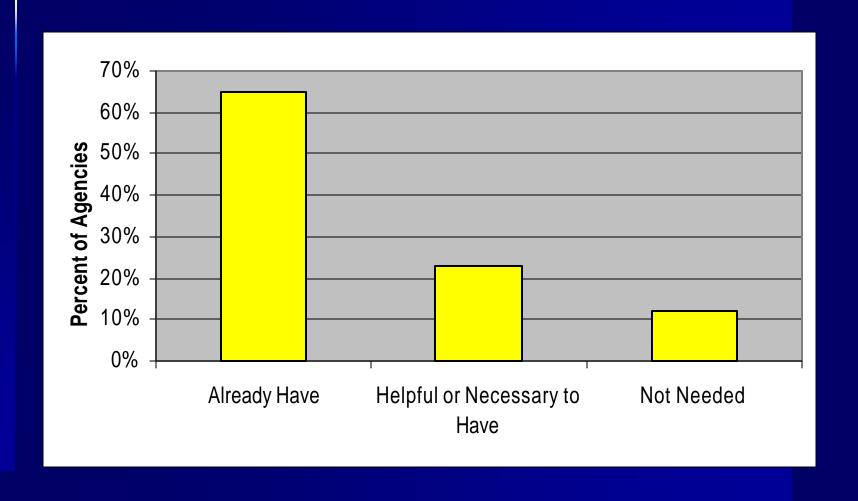
# Desirable Features: Digital Capture of Data



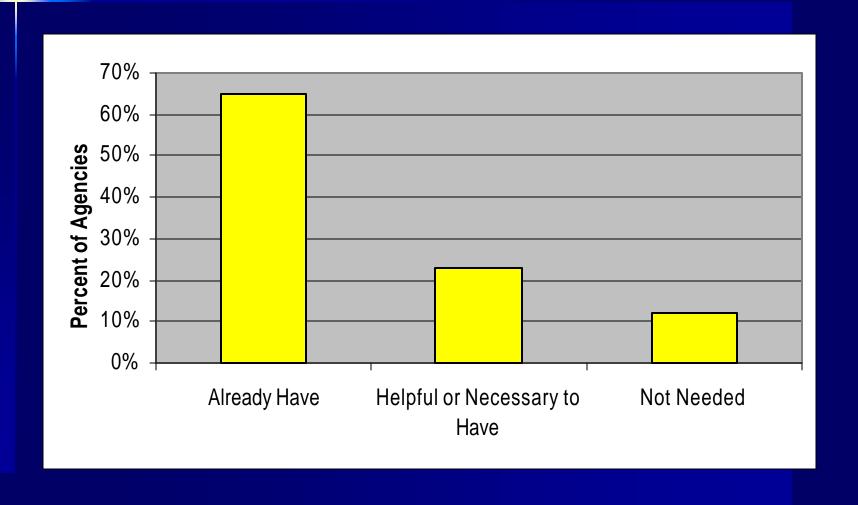
# Desirable Features: Instrument Status Info



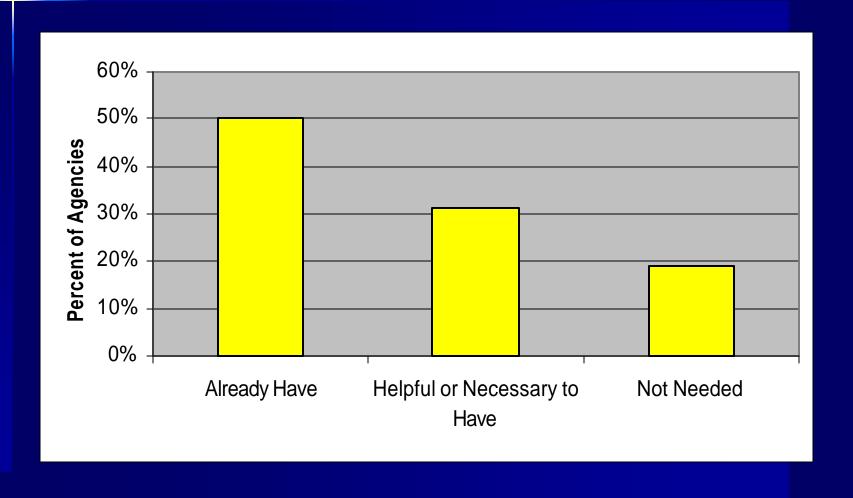
# Desirable Features: Auto Zero & Span



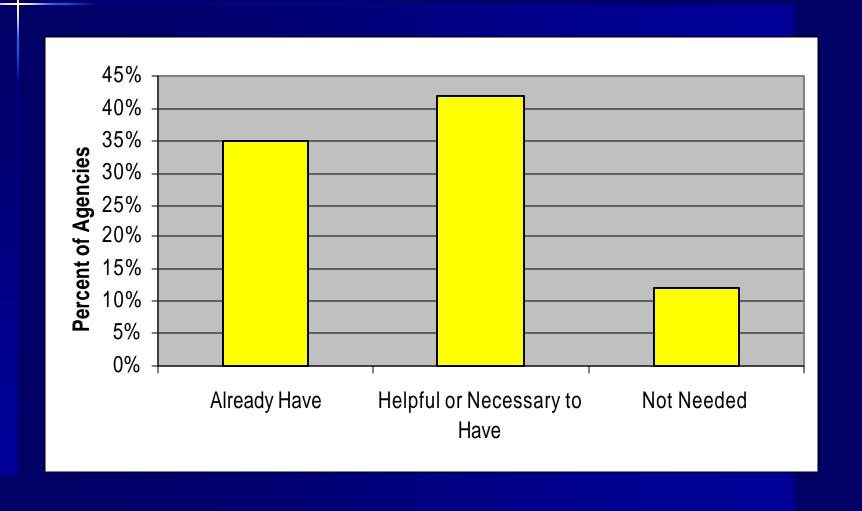
### Desirable Features: Remote Zero & Calibration



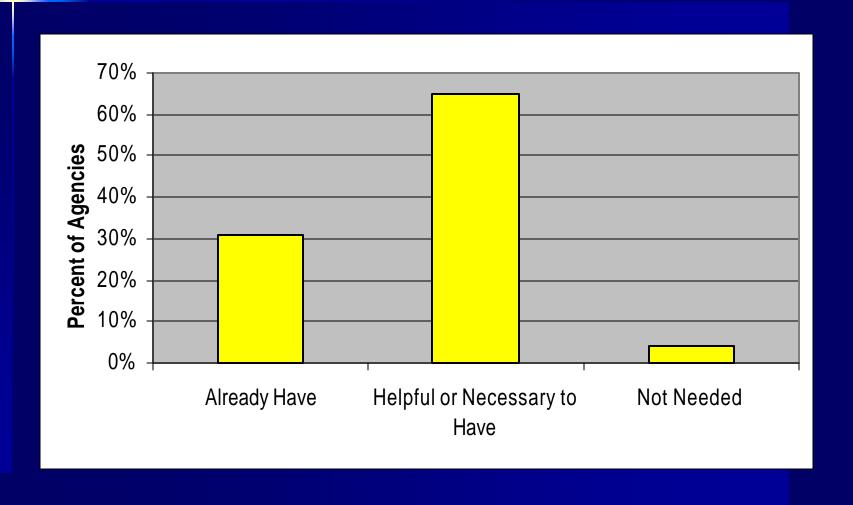
# Desirable Features: Electronic Strip Charts



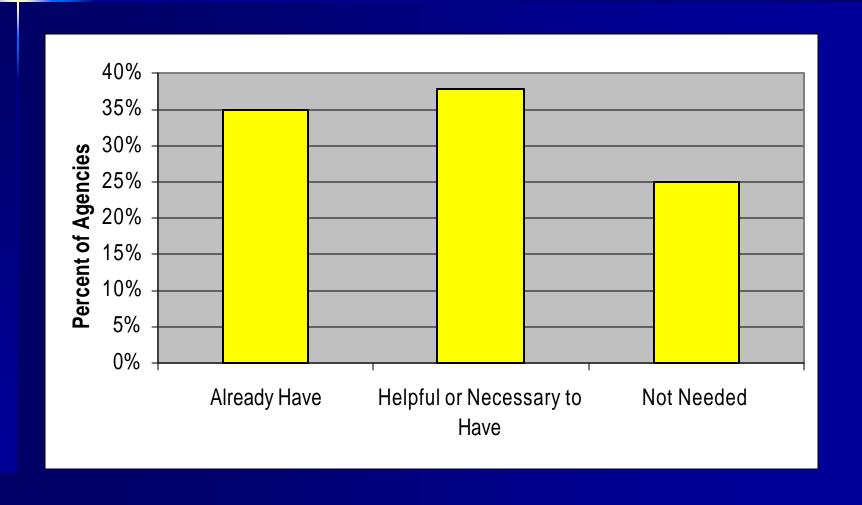
### Desirable Features: Automatic Data Validation



# Desirable Features: Electronic Log Book



# Desirable Features: Web Queries from Others



### Barriers to Upgrading (Ranked from Most Difficult)

Cost

Current system is too new

Complexity of creating new system design

Difficulty to transition to new system

### Barriers to Upgrading (Ranked from Most Difficult)

Oversight by another agency

Training

Compatibility

#### National or Multi-Regional Partnerships

 Limited interest in partnerships for procurement purposes

 Greatest benefits are seen for standardized formatting of data streams (ranked over 4 on a 5-point scale)

#### **AQS Topics**

50% would like to see a separate survey on AQS

46% use AQS as their primary data base management system

50% use AQS as the main repository of data